

ABSTRACT

5 A process for production of a modified carbon black,  
at a cheaper cost, for rubber reinforcement having the  
superior tan  $\delta$  temperature dependency of silica and an  
excellent abrasion resistance and further having no  
problems arising due to a low electrical conductivity is  
provided.

10 In the process for production of a modified carbon  
black for rubber reinforcement wherein, in the step of  
granulating the carbon black, a water-dispersed silica is  
added to the carbon black, the granulating is performed  
by a granulator and a process of production of a rubber  
composition containing a surface-treated carbon black for  
15 rubber reinforcement comprising coagulating, with a  
coagulating agent, a mixture of (a) 100 parts by weight,  
as a solid content, of a diene rubber component and (b)  
10 to 250 parts by weight, as a solid content, of a  
slurry containing a carbon black for rubber reinforcement  
20 or (b') 10 to 250 parts by weight of a modified carbon  
black produced by the above method.